

# Salem County



SALEM

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# 661 South Broad Street

661 South Broad Street

Pennsville Township

Salem County

**BLOCK:** 546      **LOT:** 5

**CATEGORY:** Non-Superfund  
State Lead

**TYPE OF FACILITY:** Gasoline Service Station  
**OPERATION STATUS:** Inactive

**PROPERTY SIZE:** 0.25 Acre

**SURROUNDING LAND USE:** Residential/Agricultural

## MEDIA AFFECTED

Ground Water

## CONTAMINANTS

Volatile Organic Compounds

## STATUS

Treating

Soil

Petroleum Hydrocarbons

Removed

## FUNDING SOURCES

1986 Bond Fund

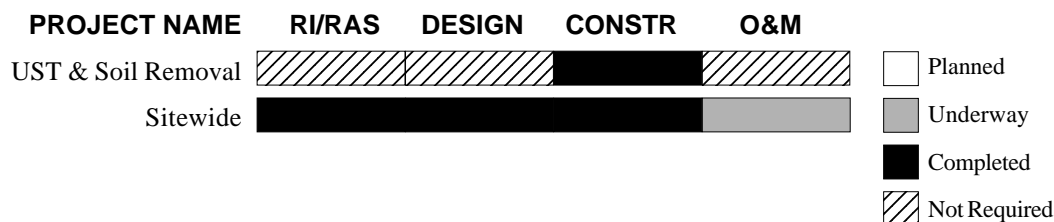
## AMOUNT AUTHORIZED

\$145,000

## SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

This site is also known as the Pompper property. Contamination was first detected here in 1990, when gasoline vapors were encountered while a sewer line was being installed in front of the property. The source of the gasoline vapors was determined to be two leaking underground gasoline storage tanks that remained from when the site was a gasoline station. NJDEP excavated and disposed of the tanks and 200 tons of gasoline-contaminated soil in 1995.

Between 1995 and 1997, NJDEP conducted a Remedial Investigation and Remedial Action Selection (RI/RAS) to determine the extent of the contamination at the site and identify cleanup options. The RI/RAS revealed that a significant volume of gasoline-contaminated soil remained at the site. The RI/RAS also revealed that elevated levels of volatile organic compounds were present in the shallow ground water but the contamination did not extend beyond the boundaries of the property. NJDEP subsequently excavated and disposed of an additional 1,145 tons of contaminated soil and backfilled the site with clean material. In 1999, NJDEP initiated oxygen-enhanced bioremediation to address the contaminated ground water. Under this remedy, NJDEP will periodically add oxygen-releasing pellets to the on-site monitor wells to stimulate the growth of naturally occurring microorganism in the ground water, which will aid in the biodegradation of the volatile organic compounds in the shallow aquifer. The oxygen-enhanced bioremediation process is expected to reduce the volatile organic compounds to levels below New Jersey Drinking Water Standards in approximately five years. NJDEP will sample the ground water at the site on a regular basis to monitor the plume and evaluate the effectiveness of the remedy.



# Woodstown Pilesgrove Sanitary Landfill

Robbins Road Pilesgrove Township

Salem County

**BLOCK:** 89 **LOT:** 10

**CATEGORY:** Non-Superfund  
State Lead

**TYPE OF FACILITY:** Sanitary Landfill  
**OPERATION STATUS:** Inactive

**PROPERTY SIZE:** 44 Acres

**SURROUNDING LAND USE:** Agricultural

MEDIA AFFECTED	CONTAMINANTS	STATUS
Ground Water	Volatile Organic Compounds Semi-Volatile Organic Compounds	Potential
Soil	Volatile Organic Compounds Semi-Volatile Organic Compounds	Potential
Air	Methane	Potential

## FUNDING SOURCES

Corporate Business Tax

## AMOUNT AUTHORIZED

\$15,000

## SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The Woodstown Pilesgrove Sanitary Landfill is a 44 acre inactive sanitary landfill that is jointly owned by Woodstown Borough and Pilesgrove Township. The site began landfilling operations in 1980, accepting municipal and vegetative wastes under a permit with NJDEP. NJDEP ordered the site closed in 1985 after the permit expired and Woodstown and Pilesgrove did not apply for an extension to continue landfilling activities. NJDEP directed Woodstown and Pilesgrove to submit a Closure and Post-Closure Care Plan for the landfill at the time operations ceased but one was not submitted. Although a Post Closure Plan has not been developed, Woodstown and Pilesgrove have been periodically sampling on-site ground water monitor wells under a NJPDES permit.

NJDEP's Division of Solid and Hazardous Waste has referred this site to the Division of Publicly Funded Site Remediation to implement closure actions to prevent the release of greenhouse gases (i.e., methane) from the waste fill and mitigate the impact of landfill leachate on the environment. The Division of Publicly Funded Site Remediation is currently reviewing the landfill's history and past sampling results to obtain preliminary information for the landfill closure project. NJDEP expects to begin the engineering design for the landfill closure in 2002.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
Sitewide					
					<input type="checkbox"/> Planned
					<input checked="" type="checkbox"/> Underway
					<input type="checkbox"/> Completed
					<input type="checkbox"/> Not Required